



YOUR METALWORKING FLUID SOLUTIONS FOR SOLUTIONS

OAKWASH[®] DMA 2300 METALWORKING CLEANER CONCENTRATE

APPLICATIONS	<p>OAKWASH[®] DMA 2300 is a cleaning fluid and corrosion inhibitor designed for use in high-pressure production spray washers. It is intended for use in the removal of coolants, machining fluids and honing oils from machined metal surfaces.</p> <p>OAKWASH[®] DMA 2300 combines good detergency with built-in corrosion protection for ferrous and non-ferrous metals making it an excellent choice for both single stage and multiple stage cleaning systems. Extremely effective in prevention of corrosion and staining on aluminum, parts will not darken when left in contact at ambient temperature. Especially well-suited for use in washing aluminum engine blocks and heads aluminum transmission parts and cases. Also prevents corrosion of brass and bronze.</p>
FEATURES & BENEFITS	<p>NON-FOAMING CLEANER WITH HIGH DETERGENCY AND GOOD METAL-WETTING PROPERTIES</p> <p>CLEANLINESS- "Splits out" oils and other soils for maximum tank life and facilitates disposal procedures. Inhibits redistribution of soil on parts after cleaning.</p> <p>PROVIDES SHORT-TERM INDOOR CORROSION PROTECTION WHEN <u>NOT</u> RINSED OFF.</p> <p>VERSATILE- Can be used with spray or immersion methods in hard or soft water.</p> <p>ENVIRONMENTALLY FRIENDLY- Does not contain silicates, phosphates, chelates, nitrates, or solvents.</p> <p>LOW TEMPERATURE FORMULATION (65-165°F)</p> <p>DEPENDING ON PAINT FORMULATION, METAL CAN BE PAINTED WITHOUT PRIOR RINISING.</p> <p>READILY WASTE TREATABLE</p>

<p>RECOMMENDED STARTING DILUTIONS</p>	<p>FOR INDUSTRIAL USE ONLY Spray Washers : 2%-3% (1:50 to 1:33) 140-165°F Immersion Washers: 2%-9% (1:50 to 1:11) 65-165°F Ultrasonic and Vibratory systems: 2%-9% (1:50 to 1:11) 65-165°F</p> <p>OAKWASH® DMA 2300 is to be mixed with water for use (add concentrate to water)</p> <p>Add no other substances to the concentrate or mix unless approved by Oak Signature Technical Services. Not recommended for use with magnesium or alloyed magnesium.</p>
<p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p>	<p>Physical state: Liquid Appearance and odor: Clear / Mild Colors available: Yellow Solubility in water: 100% Miscible Weight, lb/gal, 60°F (15.6°C): 9.3 Specific gravity, (H₂O = 1): 1.12 Boiling point, °F (°C): 212 (100) Flash point, COC, °F (°C): NA Fire point, COC, °F (°C): NA Freezing point (or pour point), °F, (°C): <32 (<0) If frozen, product seperates. Thaw completely at room temperature and stir thoroughly. pH, concentrate: 10.8 pH, 5.0%, typical operating conditions: 9.5 Total chlorine/chloride, wt%, calculated: 0.0/<50 ppm Total sulfur, wt%, calculated: 0.0 Silicone: None</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</p>
<p>SAFETY DATA SHEET Available at www.cimcool.com For additional information refer to its OSHA MSDS, website or contact your local OAK SIGNATURE SPECIALIST OR DISTRICT MANAGER, or you may contact OAK SIGNATURE® Technical Services at 1-513-458-8199</p> <p><i>Limitation of Liability: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.</i></p> <p style="text-align: center;">3000 Disney Street Cincinnati, Ohio 45209 1-513-458-8199 Fax: 1-513-458-817</p> <p style="text-align: right;">PC B20041 8/13/2012</p>	

